

amino acid, said synthetic gene [being capable of] expressing said protein at a level which is at least 110% of that expressed by said natural gene in an *in vitro* mammalian cell culture system under identical conditions.

2. (Amended) The synthetic gene of claim 1 wherein said synthetic gene [is capable of expressing] expresses said protein at a level which is at least 150% of that expressed by said natural gene in an *in vitro* cell culture system under identical conditions.

3. (Amended) The synthetic gene of claim 1 wherein said synthetic gene [is capable of expressing] expresses said protein at a level which is at least 200% of that expressed by said natural gene in an *in vitro* cell culture system under identical conditions.

4. (Amended) The synthetic gene of claim 1 wherein said synthetic gene [is capable of expressing] expresses said protein at a level which is at least 500% of that expressed by said natural gene in an *in vitro* cell culture system under identical conditions.

18. (Amended) The synthetic gene of claim [1] ~~17~~ wherein said human protein is

Factor VIII.